

# MaxLYZER Smart <sup>Plus</sup>

CHEMISTRY ANALYZER



## Features :

- Multifunctional, incubator & Blood Coagulation Function.
- Wavelength range 340 to 630nm & Support Bi-chromatic tests.
- Up to 300 tests can be programmed & Over 200000 results can be store.
- Flowcell and Cuvette Testing mode.
- Real-time monitor of reaction curve/ data and temperature Change
- Parameters can be reviewed during test
- Simple parameters setup
- Customizable patient, laboratory, hospital information
- 4 USB Ports (Host), 1 USB Port (Slave) & 1 Ethernet port.
- User friendly interface
- Power-fluctuation protection
- Universal power supply (with very wide range 100-240v)



External keyboard or mouse supported  
(Optional)



External printer supported  
(Optional)

# MaxLYZER Smart Plus

CHEMISTRY ANALYZER

## TECHNICAL SPECIFICATION

### ANALYSIS METHOD

1 Point end, 2 Point end (sample Blank), Kinetic, with or without reagent blank, Two Point Kinetic / Fixed Time, with or without reagent blank, Absorbance, Turbidity \$ Coagulation (Optional)

### CALIBRATION METHOD

1, Point Linear, 2 Point Linear, Exponential, Line Graph, Logit-Log-3P, Logit-Log-4 P, Logit-log-5P, Multi Point Linear, Parabola, spline

### FILTERS

Automatic 10 position filter wheel, 7 standard filters 340nm, 405nm, 450nm, 505nm, 546nm, 578nm, 630nm. 2 positions free for optional wavelengths and one for offset. bandwidth <8nm, stray light 0.1% @ 340nm

### PHOTOMETRIC RANGE

0.0000-4.0000 ABS

Resolution : 0.0001 ABS

Stability : <0.005A/20min @ 340nm

### FLOW CELL

Measuring volume: 32 µl

Optical path : 10mm

Aspiration volume programmable : 200-5000µl

### INPUT

Touch screen with touch pen or finger and popup keypad, External Mouse and Keyboard

### DISPLAY

7 "TFT LCD with touch screen, 800 X 480 Pixels

Auto sleep Function.

### TEMPERATURE CONTROL

Used Peltier elements.

RT(Room temperature), 25°C, 30°C, 37°C

### MEMORY

4 GB RAM, Over 300 Programs, 200000 results can be stored.

### PRINTER

Built-in thermal printer. ( Optional external selective model HP printers )

### INTERFACE

4 USB Hosts, 1 USB Slave, 1 Ethernet port

USB ports(Host) For keyboard, Mouse, Printer, U disk, bar code reader etc.

USB( Slave ) for PC connection (Support PC Software control function )

### CPU & Lamp

CPU : ARM Coretex-A8, 800MHz.

Lamp : Long-Life Tungston Halogen Lamp(6v/10 w)

### OPERATING ENVIRONMENT

Temperature 15-35°C, humidity 35-85%, no condensation

### POWER REQUIREMENT

Wide power supply : AC 100-240, 50/60Hz

### DIMENSION

450 mm x 300 mm x 220 mm (L x W x H)

### WEIGHT

7.5 kg

# SPECIFICATIONS



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